

EXHIBIT - I SCOPE OF WORK

1. DESCRIPTION OF WORK - GENERAL

Except as otherwise expressly provided elsewhere in this Contract, CONTRACTOR shall provide all labor, supervision, material, equipment and inspection, prepare record books, furnish all materials, transportation, freight forwarding, customs clearance, material receiving and handling, warehousing services, utilities, supplies, tools, construction equipment, temporary facilities and each and every item of expense necessary for the performing **Cracked Furnace F-3101~F3104 Effluent Pipe Cleaning by Aqua milling and hydro jetting for JCP Ethylene during JCP TA2024** at the COMPANY facility in Jubail Industrial City.

1.1 CONTRACTOR:

The Scope of work described in this document shall be executed in accordance with the following terms and conditions:

CONTRACTOR's responsibilities include, but are not limited to the following:

- 1.1.1 CONTRACTOR shall perform safe and timely execution of all work activities described in "CONTRACTOR's Scope".
- 1.1.2 Work performed by CONTRACTOR will be under the direction of COMPANY supervision. As necessary, additional support or direction can be obtained from the Area Supervisor-in-charge assigned by COMPANY.
- 1.1.3 Providing a detailed Turn-Around (T.A.) schedule showing start date, detailed sequence of activities, end date, crew sizes and craft mix. All work is to be planned and scheduled to complete as soon as possible.
- 1.1.4 Arranging receipt and transfer of all non-consumable material from COMPANY designated area to the work location. CONTRACTOR will return the balance of unused and undamaged material to COMPANY designated area after completion of work.
- 1.1.5 Supplying all qualified labor, supervision, tools, equipment, Frac. Tank / catch basin / closed skips, hoses, connections, manifolds, pumps, DG set, Hydro jetting machines, Rotary aqua milling tools, technical support, consumables, expendables, and temporary supplies necessary for, and reasonably incidental to complete mentioned Decontamination SOW (Scope of Work).
- 1.1.6 CONTRACTOR to ensure the shift turnover for critical and near critical path Equipment to be done at site
- 1.1.7 Provide Breathing Apparatus and crew, portable air compressors, Torquing machine and crew, Calibrated pressure device, gauges etc wherever need.
- 1.1.8 Torque values used for piping flange shall be approved from COMPANY minimum forty-five (45) days prior to Turn around.
- 1.1.9 CONTRACTOR Should have Frac. Tanks or Closed skips or Catch basin and necessary connection for Vacuum truck to accomplish the scope of work.

- 1.1.10 CONTRACTOR shall comply with GI-2219 for Utilities hoses and connection and ensure hoses they bring on site are inspected and meet COMPANY Standards. The condition of hoses shall be stated on the inspection report with hydrotest report from Third party and inspection reports must accompany the CONTRACTOR when they arrive at site and shall be immediately available for review by COMPANY representative.
- 1.1.11 CONTRACTOR shall ensure all received hoses, manifolds, Hard piping, Connection are equipped with identification inspection tag and supported with third party test certificate. (Anything found to be non-compliant shall not enter to our facility).
- 1.1.1 Providing necessary tools and qualified personals for performing the mentioned SOW.
- 1.1.2 Providing necessary consumable and expendable supplies in enough quality and quantity for personnel to perform the scope of work safely and efficiently.
- 1.1.3 Maintaining a job site that is always clean and free of debris. After completion of work, leave the area as clean as found.
- 1.1.4 CONTRACTOR daily work schedule will be two shifts of TWELVE (12) hours each.
- 1.1.5 Provide maintenance progress updates and Manpower count to planning during each shift.
- 1.1.6 Visiting the job site to acquaint themselves with existing conditions.
- 1.1.7 Any discovery work shall be invoiced separately and shall be based on COMPANY approved CMF (Change Management Form)
- 1.1.8 CONTRACTOR shall follow COMPANY Fatigue Policy CP # 1055. CONTRACTOR shall mobilize the personnel under their direction to comply with this policy to ensure personnel physical health without negatively affecting TA schedule or quality
- 1.1.9 CONTRACTOR Equipment and Leadership team like Supervisors/Foremen/Leads, Lead Planner QA/QC, etc.as applicable shall comply to the COMPANY plan for early mobilization as specified for necessary preparation works. CONTRACTOR shall mobilize the before mentioned craft at least by Fifteen (15) days ahead of start of S/D start date unless approved by TA Planning Superintendent or TA Manager and communicated by contracts department
- 1.1.10 Providing full time Safety personnel whose sole responsibility shall be to ensure CONTRACTOR personnel conduct work in accordance with Rules and Regulations of COMPANY, and that good safe work practices are always utilized.
- 1.1.11 Safety officer's final acceptance will be after face-to-face interview with COMPANY safety department.
- 1.1.12 CONTRACTOR shall comply with COMPANY's all General Instructions (GI) and Best Practices related to the scope of work. Copies of COMPANY General Instructions will be provided.
- 1.1.13 Discarding all coke, sludge, damaged parts, packing/ scrap metals, and all other general rubbish from maintenance activities into designated waste containers provided by COMPANY. The CONTRACTOR shall make

arrangements to shift waste containers to temporary waste storage areas designated by COMPANY.

- 1.1.14 All tools, equipment, and resources are subject to initial and periodic inspection by COMPANY personnel to ensure safe and compliant use within the COMPANY facility. COMPANY reserves the right to reject use of any tool(s) or equipment for cause.
- 1.1.15 Define by craft and name all personnel required to execute and supervise the scope of work 45 days in advance of the T.A. start date as defined by COMPANY T.A. Management. CONTRACTOR will schedule personnel for required pre-T.A. training at the request and timing specified by COMPANY T.A. Management and COMPANY Safety Representative.
- 1.1.16 CONTRACTOR shall ensure presence of their personnel to the designated work area only. Any Person found in or around unrelated plant area, shall be subject to immediate removal from Plant. CONTRACTOR shall provide a suitable replacement immediately to avoid any effect on work progress.

1.2 **COMPANY:**

- 1.2.1 Office facilities for CONTRACTOR (as decided by COMPANY T/A management, either Blast Resistant Module for essential on-site personnel, or workspace in the T/A office for non-essential personnel)
- 1.2.2 Isolation of Equipment/system.
- 1.2.3 Electrical & Instrument disconnections
- 1.2.4 Battery limit or common blinding which are common with other contractors.
- 1.2.5 All sort of Painting work.
- 1.2.6 Erection of all scaffolds and revisions as required by CONTRACTOR
- 1.2.7 Provide drawings, blinds, gaskets, spares required for facilitate the subject job.
- 1.2.8 Provide Scaffolding, Insulation, utilities such as water, plant N2, lights for internal and external use, and any type of welding works recommended by Inspection team.
- 1.2.9 Tent with tables and chairs for CONTRACTOR lunch and rest break
- 1.2.10 Prayer facilities in designated work locations.
- 1.2.11 Drinking water around the clock.
- 1.2.12 All temporary lighting for confined space entry (required by GI, Class-1 Div-1)
- 1.2.13 All EHS meters and monitors required by General Instruction and will be provided by
COMPANY
- 1.2.14 Rest Shelters in designated work locations
- 1.2.15 Smoke Shelters in designated work locations
- 1.2.16 Sanitary facilities (toilets and hand wash stations)
- 1.2.17 All non-consumable material required to perform the scope of work
- 1.2.18 Inspection of work performed by CONTRACTOR
- 1.2.19 Crane and forklift with operator shall be provided by the COMPANY to set-up CONTRACTOR equipment and during mobilization and demobilization.
- 1.2.20 COMPANY will provide manifest for the wastewater disposal.

- 1.2.21 Conduct BSO Course and required courses for Permit Receiver (as required).
- 1.2.22 Issuance of ID cards and Vehicle stickers.
- 1.2.23 Issuance of material gate passes.
- 1.2.24 Issuance of Work Permits.

2. DESCRIPTION OF WORK-SPECIFIC:

- 2.1 Cleaning of effluent piping in Ethylene furnace system by Aqua Milling and hydro jetting as per specified in detailed scope given below, but are not limited to the following:

RESPONSIBILITY MATRIX		
SN #	CONTRACTOR	S-CHEM
1	<u>F-3101 ~ F-3104 USC CRACKING FURNACES</u> ➤ VERIFICATION OF LTT ➤ OPEN PIPING FLANGE CONNECTION, DROP GATE VALVES WHEREVER REQUIRED TO ACCOMMODATE AQUA CLEANING AND HYDROJETTING. ➤ OPEN INSTRUMENT FLANGE CONNECTION TO REMOVE INSTRUMENT EQUIPMENTS LIKE TW-315101 ETC. TO ACCOMMODATE AQUA MILLING AND HYDRO JETTING CLEANING ➤ OFFER FOR INITIAL INSPECTION BY OPERATIONS, RELIABILITY AND PROCESS ENGINEERING ➤ EFFLUENT LINE CLEANING WASHING BY AQUA MILLING AND HYDROJETING FOR PIPELINE AS PER MARK UP DRAWING ➤ OFFER FOR POST CLEANING INSPECTION BY OPERATIONS, RELIABILITY AND PROCESS ENGINEERING ➤ COORDINATE TO HAVE BORESCOPE INSPECTION FOR THE CLEANED LINE. ➤ INSTALL BACK INSTRUMENT EQUIPMENTS LIKE TW-315101 ETC AND BOX UP AND TORQUE AS REQUIRED. ➤ INSTALL BACK PIPING FLANGE CONNECTION, GATE VALVES ETC AND BOX UP AND TORQUE AS REQUIRED.	➤ PROVIDE SCAFFOLDING ➤ PROVIDE ARRANGEMENT FOR REMOVAL / REINSTALLATION OF INSULATION AS PER REQUIREMENTS, ➤ ISOLATION AND BLINDING ➤ PROVIDE UTILITY WATER, N2 AND INTERNAL AND EXTERNAL LIGHTS. ➤ PROVIDE LABELS / MANIFEST FOR WASTE DISPOSAL. ➤ SEE SNAKE / BORESCOPE INSPECTION. ➤ PAINTING WORK ➤ DISCONNECT AND RECONNECT INSTRUMENT CONNECTIONS. ➤ CONTROL VALVES (XV-311734B, XV-312734B, XV-313734B, XV-314734B) DROP AND INSTALLATION. ➤ WELDING ACTIVITIES. ➤ CRANE AND FORKLIFT WITH OPERATOR. ➤ UNLOADING AND LOADING OF EQUIPMENT TO SITE DESIGNATED LOCATION.

NOTE:

- o Waste collection and transportation like using vacuum trucks for disposal is under CONTRACTOR scope.
- o Air compressor for air supply is under CONTRACTOR scope.
- o CONTRACTOR shall arrange power diesel generator if required for scope of work.
- o CONTRACTOR shall arrange catch basin / closed skips to collect effluent line cleaning water / debris, if required for scope of work.
- o Rigger for any rigging activities and stand by man is under CONTRACTOR scope.

- o Supply of breathing air equipment with crew / technician is under CONTRACTOR scope, if required for scope of work. BA crew / technician should have fit test certificate from approved vendor like total safety etc.
- 2.2 TA Shutdown Down commencement start date (tentatively) – 7th Jan' 2024. Tentative Maintenance Window Start Date: 18th Jan. 2024 to 31st Jan. 2024. However, CONTRACTOR shall follow the COMPANY level 3 schedule provided to CONTRACTOR.

3 DRAWINGS, SPECIFICATIONS & PROCEDURES

Specifications, standards, procedures, drawings and Company's General Instructions shall apply to Engineering and construction works when applicable. All above documents shall be collected from Turnaround Planning Section.

4 GUIDELINES

4.1 All work should follow COMPANY Standards and Specifications.

4.2 All work outside the above codes, standards and specifications shall follow COMPANY guidelines and practices.

4.3 CONTRACTOR shall comply with COMPANY Policies, General Instructions and Work Procedures regarding the use of Personal Protective Equipment's (PPE).

4.4 CONTRACTOR shall comply with COMPANY Safety and Security program Exhibit III (more details can be sought out later by CONTRACTOR as applicable)

4.5 COMPANY may from time to time and at any time require CONTRACTOR to suspend performance hereunder completely or partially for whatever length of time COMPANY may elect. The time for completion shall be extended by each period that the completion date is necessarily delayed by (a) the actions or omissions of COMPANY or another independent contractor that is directly responsible to COMPANY (unless such delay is due to CONTRACTOR's actions or failures to act). In case COMPANY requires suspending the performance of work, CONTRACTOR shall be given reasonable delivery extensions.

4.6 CONTRACTOR shall provide a qualified safety officer when there is work in the Plant. This safety officer shall not do any other work, other than safety.

4.7 Anything not listed in the CONTRACTOR's offer / Exhibit – I, Scope of Work, but appearing on the drawings / attachments shall be completed by CONTRACTOR, with no additional charges.

4.8 CONTRACTOR should utilize COMPANY recommended sub-contractors / manufacturers, as per Exhibit I Scope of Work, Attachment -I.

4.9 CONTRACTOR shall ensure presence of their personnel to the designated work area only. Any Person found in or around unrelated plant area, shall be subject to immediate removal from Plant. CONTRACTOR shall provide a suitable replacement immediately to avoid any effect on work progress

5.0 GENERAL REQUIREMENT

The Section 3.0 above shall prevail in the event of any inconsistency on the text hereunder.

5.1 COMPANY's REPRESENTATIVE

COMPANY will maintain, as required, a representative hereafter called the "COMPANY Representative". COMPANY Representative will provide liaison between COMPANY and CONTRACTOR and represent COMPANY in all matters covered by this Contract, including negotiating and approving changes.

COMPANY's Representative will be the only COMPANY employee authorized to represent COMPANY with respect to this Contract. Examples of his functions are to:

- 5.1.1 Review and approve designs, specifications, requisitions and purchase orders as required by this Contract.
- 5.1.2 Establish and maintain field liaison between CONTRACTOR's Representative and COMPANY.
- 5.1.3 Review CONTRACTOR's construction schedule and field performance.
- 5.1.4 Make such inspections of the Facility during construction, as COMPANY may desire in order to check the progress of the Work and quality of workmanship and Materials.
- 5.1.5 Negotiate and approve field changes.
- 5.1.6 Review CONTRACTOR's administrative procedures.
- 5.1.7 If, in COMPANY's considered opinion, the conduct or performance of any of CONTRACTOR's personnel is unsatisfactory in any way, CONTRACTOR, if COMPANY so requests, shall at CONTRACTOR's sole cost and expense promptly replace such person or persons with personnel suitably qualified.

At the start of Work, CONTRACTOR shall develop procedures for handling correspondence, Material orders, quotation analyses,

drawings, schedules and other administrative or engineering aspects of Work to the satisfaction of COMPANY.

5.2 CONTRACTOR's PERSONNEL

CONTRACTOR shall assign a full-time Project Manager (hereafter called "CONTRACTOR Representative") to provide liaison between CONTRACTOR and COMPANY and to represent CONTRACTOR in all matters covered by this Contract, including negotiating and approving COMPANY's authorized changes. The CONTRACTOR's Representative shall not be changed during the course of the Work unless COMPANY approves such change in writing.

When fieldwork is in progress CONTRACTOR's Representative shall act in full charge of CONTRACTOR's fieldwork and maintain field liaison between CONTRACTOR and COMPANY's Representatives. Examples of his functions are to:

- 5.2.1 Negotiate and approve for CONTRACTOR, COMPANY's field changes authorized by COMPANY.
- 5.2.2 Represent CONTRACTOR in matters pertaining to construction performance and quality, scheduling, administrative procedures and financial controls
- 5.2.3 Represent CONTRACTOR during all required tests.
- 5.2.4 Coordinate with COMPANY Project Engineer on all job activities
- 5.2.5 Remove any person from CONTRACTOR staff in case the same is not fully complying with the COMPANY requirements or when requested by COMPANY Representative and shall provide a suitable replacement within a week time and without affecting the work progress.

5.3 KEY PERSONNEL

CONTRACTOR shall maintain the following persons at the job site on a full-time basis at all times during the course of the Work and shall not remove or reassign such personnel without COMPANY's prior approval:

- a. CONTRACTOR's Project Manager
- b. Safety Engineer
- c. Quality Control Engineer.
- d. Work Permit Receiver
- e. Direct working resources and staff.

5.4 WORK PERMITS

At least thirty (30) days prior to mobilization, CONTRACTOR shall familiarize himself with COMPANY's Plant Operations and Maintenance Work Permit procedures and CONTRACTOR's workers shall be trained to receive Work Permits in a timely manner. After approval by COMPANY, CONTRACTOR shall comply with this Work Permit procedure. COMPANY will not be responsible for delays due to CONTRACTOR's failure to submit its Work Permits in a timely fashion or failure to comply with the approved Work Permit procedure.

5.5 FIELD INSPECTION

5.5.1 Inspection by COMPANY

COMPANY may visit and inspect any and all of the Work and Materials at any time, and CONTRACTOR shall provide safe and proper facilities therefor. CONTRACTOR shall at all times during the performance of the Work keep a competent supervisor, fluent in the English language, in the immediate vicinity of the Work areas to receive communications from COMPANY and to supervise the performance of this Contract.

COMPANY shall inspect all works and witness all tests. Prior notice shall be given to COMPANY for any inspection or witnessing as:

- a. THREE (03) working days for inside the COMPANY facility.
- b. FOURTEEN (14) working days for outside the COMPANY facility.
- c. Testing requirements shall be based on COMPANY inputs.
- d. CONTRACTOR to determine hold points for inspection and test witnessing.
- e. COMPANY reserves the right to assign any 3rd party inspection agency, as needed.

5.5.2 CONTRACTOR's Inspection Responsibility

CONTRACTOR shall be solely responsible for thorough inspection and testing of the Work and for the quality of the Work. COMPANY's inspection of, testing of, approval of, or agreement to the performance of any part of the Work shall in no way relieve CONTRACTOR of its responsibility for the Work. CONTRACTOR shall:

- 5.5.2.1 Submit Inspection Testing Plan for COMPANY review and comments.

5.5.2.2 Must submit their QA/QC for review and approval prior to awarding of contract.

5.5.3 Inspection by CONTRACTOR

Whenever any part of CONTRACTOR's Work depends on existing work or work or Material provided by COMPANY or others, CONTRACTOR shall inspect and measure such other work or Material and promptly notify COMPANY of each defect or discrepancy in such other work or Material that may render it unsuitable for proper execution of CONTRACTOR's Work or proper functioning of the Facility. If CONTRACTOR fails to notify COMPANY's Representative of any such defect or discrepancy before performing CONTRACTOR's independent Work, and such defect or discrepancy would have been discovered in the course of a reasonably thorough visual inspection and measurement, COMPANY may condemn the Work or Material involved and CONTRACTOR shall correct such defect or discrepancy on the same basis as if it were defective Work by CONTRACTOR as per General Terms and Conditions (copy attached).

5.6 COMPLETION

5.6.1 Mechanical Completion

CONTRACTOR shall cause Mechanical Completion of the Facility to occur. Mechanical Completion shall mean that all requirements of this Contract have been met with respect to:

- 5.6.1.1 Construction
- 5.6.1.2 Safety
- 5.6.1.3 Ability to physically operate

Prior to Mechanical Completion, CONTRACTOR shall demonstrate to COMPANY all portions of the facility:

- have been built according to the terms of this contract
- operate as intended

5.6.2 Acceptance by COMPANY

All Work will be subject to Acceptance by COMPANY pursuant this Exhibit-I Scope of Work

5.7 TIME FOR COMPLETION

5.7.1 Initial Time for Completion

CONTRACTOR shall cause the Facility to achieve Mechanical Completion, on or before the applicable date specified in the contract. The time for completion shall be extended only in accordance with the provisions of the Terms and Conditions. COMPANY shall reduce the time for completion only with the written consent of CONTRACTOR.

5.7.2 Failure to Maintain Schedule

If at any time during the progress of the Work, CONTRACTOR's actual progress is inadequate to meet the approved schedule and as established, COMPANY shall have the right, but not the obligation, to so notify CONTRACTOR who shall thereupon take such steps as may be necessary to remedy the inadequacy. If within a reasonable period (as determined by COMPANY and not to exceed THREE (03) working days) CONTRACTOR does not improve performance to meet the schedule, COMPANY may require an increase in labor force, number of shifts, overtime operations, or additional days of work per week without additional compensation to CONTRACTOR, to eliminate or reduce the possibility of delayed completion. COMPANY may make such requirements in addition to any other rights or remedies that COMPANY may have.

5.7.3 Failure to Complete on Schedule

If CONTRACTOR does not cause the Facility to achieve Mechanical Completion within the time, COMPANY may elect to take over and complete the Work pursuant to the Terms and Conditions. COMPANY may take over and complete the Work in addition to any other rights or remedies that COMPANY may have.

6.0 **REPORTING REQUIREMENTS**

6.1 CONTRACT DAILY REPORT

CONTRACTOR shall submit progress reports at end of each shift which provide manpower (including manual, non-manual and sub-contractors) present for work, a listing of all equipment on site (detailed by type and quantity), and any Safety related issues. Reports shall be submitted in the format established with continuation pages on forms proposed by CONTRACTOR and acceptable to the COMPANY Representative.

6.2 DAILY PROGRESS REPORT

CONTRACTOR shall submit a written daily progress report, which will cover daily field work. The report shall summarize the status of job and the overall progress achieved for the CONTRACTOR's detailed work schedule.

7.0 DATA REQUIREMENTS

After completion of turnaround contractor will submitted detailed report. This report will contain technical details, manpower & logistic details.

8.0 QUALITY CONTROL REQUIREMENTS

8.1 QUALITY PLAN

8.1.1 CONTRACTOR shall provide a comprehensive; project specific Quality Plan that identifies CONTRACTOR's procedures for Quality Control during the Construction execution phase of the Work. The Quality Plan as per decontamination service shall be presented to COMPANY for approval at least 45 days prior to beginning turnaround. After approval by COMPANY, CONTRACTOR shall comply with requirements of the Quality Plan.

8.1.2 Should any inspection or test reveal any defect in CONTRACTOR supplied materials or in CONTRACTOR's Work, CONTRACTOR shall correct such defect at no cost to COMPANY.

8.1.3 Pipe should be cleaned thoroughly before fitment so that unwanted dust, etc should not be present.

8.1.4 Pipe Line should be made ready for commissioning as per schedule, including testing, inspection, cleaning, etc.

8.2 QUALITY INCHARGE

CONTRACTOR shall provide a full-time QC who shall be responsible for the coordination of CONTRACTOR's construction quality surveillance, inspection, testing, and documentation activities.

9.0 CONSTRUCTION

All Construction Access, Construction Methods, Temporary Facilities and Work Areas shall conform to and be in compliance with COMPANY Operations, Standard Industry requirements and where applicable Royal Commission for Jubail Construction Safety requirements.

9.1 Turnaround Execution Plan

CONTRACTOR shall develop and submit to COMPANY a detailed project specific turnaround Execution Plan at least 60 days prior to the start of turnaround.

9.2 Security Program

CONTRACTOR is responsible for the security of its workers, tools, materials and equipment (and to and from) the jobsite. All small tools and construction equipment belonging to CONTRACTOR must be clearly identified as such. Tools including personal tools are subject to inspection at the security gate upon arrival and departure.

9.3 Construction Area Limits

COMPANY shall designate the boundary limits of access roads, parking areas, storage areas, and construction areas. CONTRACTOR shall not trespass in or on areas not so designated. CONTRACTOR shall be responsible for keeping all of its personnel out of areas not designated for CONTRACTOR's use. In the case of isolated work located within such areas, CONTRACTOR shall obtain permits to enter and perform the Work. CONTRACTOR shall keep all vehicles, equipment, materials and personnel in such areas as designated by COMPANY.

9.4 CONTRACTORS Office at Site of Work

During the execution of this Contract, COMPANY will provide office for project manager & coordinator in separate or shared office building

9.5 CONTRACTOR Supplied Temporary Buildings

Any CONTRACTOR supplied temporary construction buildings shall be fire retardant and shall include fire protection equipment. The location, size(s), quantity and type(s) of temporary buildings shall be subject to COMPANY's review and approval.

9.6 Personnel Identification

9.6.1 CONTRACTOR's personnel and Sub-contractor personnel shall have in their possession all required and properly validated licenses, certificates or identification badges prescribed by COMPANY or the Saudi Arabian Government.

9.6.2 CONTRACTOR shall wear and provide identification badges to all its employees working either directly or indirectly under its supervision. These badges must be worn conspicuously by these employees at all times when on the jobsite. CONTRACTOR shall provide Temporary badges and safety gear for visitors and delivery personnel.

9.7 Smoking

Smoking shall only be allowed in the designated smoking areas.

9.8 Dust Control

CONTRACTOR, for the duration of the Contract, shall maintain all excavations, embankments, haul roads, plant sites, waste disposal areas, borrow areas, and all other work areas free from dust, as determined by COMPANY. Industry-accepted methods of dust control suitable for the area involved, such as sprinkling, chemical treatment, tight bituminous treatment or similar methods, with COMPANY approvals, will be permitted. No separate payment will be made for dust control.

9.9 Water Pollution

CONTRACTOR shall, at own expense, provide suitable facilities to prevent the introduction of any substances or materials into any stream, lake or other body of water which may pollute the water or constitute substances or materials deleterious to fish, wildlife and domestic stock.

9.10 Air Pollution

CONTRACTOR shall also perform the Work so as not to discharge into the atmosphere from any source whatever smoke, dust, or other air contaminants in violation of the laws, rules and regulations of the government entities having jurisdiction.

9.11 Fuels & Lubricant

CONTRACTOR shall be responsible for the proper handling, transportation, storage and use of fuels and lubricants and shall, at CONTRACTOR's sole expense, make good any damage caused by its handling, transporting, storage and use of fuels and lubricants.

9.12 Ventilating

9.12.1 CONTRACTOR shall prevent hazardous accumulations of dust, fumes, mists, vapors or gases in areas occupied during construction.

9.12.2 CONTRACTOR shall provide local ventilation to prevent harmful accumulation of hazardous substances into atmosphere of occupied areas.

9.12.3 CONTRACTOR shall dispose of materials in manner that will not result in harmful exposure to persons or disrupt or otherwise effect operation of existing facilities.

9.12.4 CONTRACTOR shall ventilate storage spaces containing hazardous, volatile or high temperature sensitive materials.

9.13 Site Signs

Identification signboards and notices for safety or instruction are permitted on site only after approval of COMPANY for format, location and quantity.

9.14 Drainage

CONTRACTOR shall provide proper and adequate drainage for its construction, storage, parking and fabrication areas including the necessary piping for disposal to COMPANY ditches, or sewers. Temporary drainage facilities shall be removed upon completion of Work unless COMPANY directs to have the facilities left in place. CONTRACTOR shall be responsible for providing and operating any temporary pumps for keeping its area drained. CONTRACTOR shall furnish and place any necessary surfacing material to avoid loss of time due to muddy conditions.

9.15 Lunch and Toilet Facilities

Company shall provide necessary lunch and toilet facilities for CONTRACTOR personnel... CONTRACTOR shall provide meals to their manpower during breaks in lunch tent.

9.16 Construction Entrance

Access into COMPANY work site shall be through TA gate.

9.17 Review by COMPANY

Review and approval of CONTRACTOR's rigging, scaffolding and other construction plans by COMPANY, shall not constitute or to be construed as an assumption of CONTRACTOR's responsibility or liability for scaffolding or safety under the Contract or at law, and does not relieve CONTRACTOR from full compliance with its legal and contractual obligations.

9.18 Interference

It is understood that the COMPANY may itself perform Work at or near the CONTRACTOR's Work site, or have such Work performed by others. CONTRACTOR agrees to cooperate fully with COMPANY or any other CONTRACTOR performing such Work, and not to interfere with the performance of such Work.

9.19 Site Clean Up

CONTRACTOR shall maintain the site in a safe and orderly condition by daily removal and disposal of accumulated rubbish and waste material. Temporary equipment shall be removed immediately upon completion of the WORK requiring the equipment. Upon completion of the Work, CONTRACTOR shall clear the site of all remaining CONTRACTOR's temporary facilities, temporary equipment, debris, tools, and material used in the Work. Where CONTRACTOR, upon written notice from the COMPANY, fails to maintain the site in a safe and orderly condition, the COMPANY will have the site maintenance Work performed and deduct the cost from the CONTRACTOR invoice.

9.20 Heavy lifts

CONTRACTOR shall provide a **heavy lift plan for all lifts over TEN (10) tons**, for COMPANY's review and approval.

10.0 ENVIRONMENTAL REQUIREMENTS

10.1 General Requirements

CONTRACTOR shall plan, execute and complete all work such that there are zero environmental incidents and no detrimental environmental impacts to the local population, workers, air, water, soil, plants and animals.

10.2 Environmental Care and Response Plan

CONTRACTOR shall submit a Project Specific Environmental Care and Response Plan in compliance with the Saudi Arabian Government, and Saudi Chevron Petrochemical Environmental Standards. The Environmental Plan shall provide specific plans and procedures to address compliance with these Standards and shall be submitted for COMPANY review prior to commencement of the Work.

10.3 Environmental Care Practices

CONTRACTOR shall perform the Work in accordance with all environmental care practices, applicable local and national rules, regulations and codes taking all reasonable precautions to protect the facility, adjacent facilities, workers and the public. CONTRACTOR shall have materials and equipment on site to minimize, control and mitigate incidences of uncontrolled releases of materials to the air, water or land.

10.4 Environmental Care Orientation Meeting

CONTRACTOR's in-Kingdom supervisory personnel, including supervisory personnel of CONTRACTOR subcontractors, shall attend an environmental care orientation meeting, prior to commencing the Work. This meeting shall last at least two (2) hours and shall be separate from any safety or security orientation.

COMPANY may, at its sole discretion, audit CONTRACTOR environmental care orientation meetings.

10.5 Accidents and spills

Accidents, spills, uncontrolled releases to air, water, and land or other environmental incidents and "near misses" shall be orally reported to COMPANY at the time of the incident. CONTRACTOR shall submit written reports, in a format developed with COMPANY, within twenty-four (24) hours after each incident. CONTRACTOR shall maintain a jobsite record of such environmental incidents and "near misses" which shall be submitted to COMPANY upon written request.

10.6 CONTRACTOR's Responsibility

CONTRACTOR shall be wholly responsible for construction means, methods, techniques, sequences or procedures for environmental precautions and programs in connection with the Work. COMPANY shall not, in any way, be responsible for CONTRACTOR's failure to employ such precautions.

**END
EXHIBIT-I**